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PTO/SB/05 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | | |
|--|-------------------------------|---|
| UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b)) | Attorney Docket No. | T1-33974 |
| | First Inventor | Aaron Frank |
| | Title | SYSTEM FOR IN SITU SEED LAYER REMEDIATION |
| | Express Mail Label No. | EU 824396591 US |


| | | |
|--|--|--|
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents | ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 | |
| <div style="float: right; text-align: right;">03917 U.S. PTO 10/645975 08/22/03</div> | | |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) | |
| 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. | 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) | |
| 3. <input checked="" type="checkbox"/> Specification (preferred arrangement set forth below) [Total Pages 21] | a. <input type="checkbox"/> Computer Readable Form (CRF) | |
| - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the invention - Brief Summary of the invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure | b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper | |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total 1] | c. <input type="checkbox"/> Statements verifying identity of above copies | |
| 5. Oath or Declaration [Total 2] | ACCOMPANYING APPLICATION PARTS | |
| a. <input checked="" type="checkbox"/> Newly Executed (original or copy) | 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documents(s)) | |
| b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) | 10. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney | |
| i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | 11. <input type="checkbox"/> English Translation Document (if applicable) | |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations | |
| | 13. <input type="checkbox"/> Preliminary Amendment | |
| | 14. <input checked="" type="checkbox"/> Return Receipt Postcards (2) (MPEP 503) (Should be specifically itemized) | |
| | 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) | |
| | 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | |
| | 17. <input checked="" type="checkbox"/> Other: Cover Letter | |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____
Prior application information: Examiner _____ Group / Art Unit: _____
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

| | | |
|---|---|--|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | 23494 (Insert Customer No. or Attach bar code label here) | or <input type="checkbox"/> Correspondence address below |
| NAME | Texas Instruments Incorporated | |
| ADDRESS | P.O. Box 655474 | |
| CITY | Dallas | STATE TX |
| COUNTRY | USA | ZIP CODE 75265 |
| | TELEPHONE TI Attorney Ph. 972-917-4371 | FAX 972-917-4418 |

| | | | |
|--------------------------|--|--|-----------------|
| Name (Print/Type) | Ronald W. Burns | Registration No. (Attorney/Agent) | 44,044 |
| Signature |  | Date | August 22, 2003 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 2003

Complete If Known

| | |
|----------------------|-----------------|
| Application Number | New |
| Filing Date | August 22, 2003 |
| First Named Inventor | Aaron Frank |
| Examiner Name | |
| Group Art Unit | |
| Attorney Docket No. | TI-33974 |

TOTAL AMOUNT OF PAYMENT \$892

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **20-0668**
Deposit Account Name **Texas Instruments Incorporated**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee of oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40 |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------|
| 101 | 740 | 201 | 370 | Utility filing fee | \$750 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | \$750 |

2. EXTRA CLAIM FEES

| Extra Claims | | Fee from below | | Fee Paid | |
|--------------------|----|----------------|---|----------|----|
| Total Claims | 21 | -20**= | 1 | X | 18 |
| Independent Claims | 4 | -3**= | 1 | X | 84 |
| Multiple Dependent | | | | | 0 |

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description |
|-----------------------|-----------------------|-----------------------|-----------------------|---|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | **Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) | | | | (\$ 102) |

**or number previously paid, if greater; For Reissue, see above

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40

SUBMITTED BY

| | | | | | |
|-------------------|---|-----------------------------------|-----------------|-----------|--------------|
| Name (Print/Type) | Ronald W. Burns | Registration No. (Attorney/Agent) | 44,044 | Telephone | 214-535-1079 |
| Signature |  | Date | August 22, 2003 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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RONALD W. BURNS, P.C.

Intellectual Property Protection and Enforcement

August 22, 2003

VIA EXPRESS MAIL NO.: EU 824396591 US

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Inventor: Aaron Frank, et al.
Patent Application Entitled: SYSTEM FOR IN SITU SEED LAYER REMEDIATION
Docket No.: TI-33974
Our File No.: 12001-1212

Dear Sir:

Enclosed for filing please find the following items relating to the above-identified application::

1. Utility Patent Application Transmittal (1 p.);
2. Patent Application (21 pp.);
3. Formal drawings (1 p.);
4. Declaration and Power of Attorney (2 pp.)
5. Assignment and Recordation Cover Sheet (4 pp.);
6. Fee Transmittal (2 pp.); and
7. Return postcards (2).

Please file the above-referenced documents and return the date-stamped postcards. If you have any questions or comments concerning any of the above, please call the undersigned at your convenience. Otherwise, please accept the enclosed.

Sincerely,



Ronald W. Burns
Registration No.: 44,044

Enclosures

cc: Cindy Dees (w/enclosures)